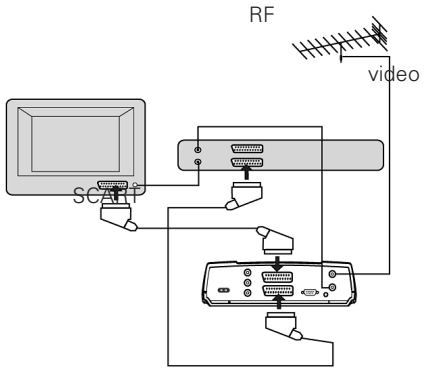
NOKIA 150 T Mediamaster

User Guide

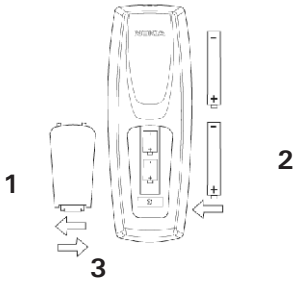
NOKIA
CONNECTING PEOPLE

Quick Guide

Connecting a TV and a video recorder



Preparing the Remote Control

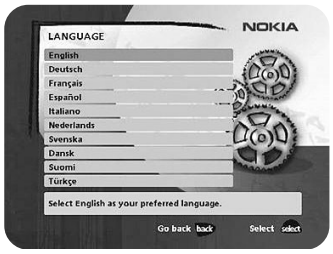


Switching on for the first time

- Plug in your Mediamaster.
- The "First time installation" menu is shown.
- Press the **select** button on the remote control to start the installation procedure.

Language

- Select the desired menu language with **cursor up/down.** (Cursor = see page 9.) This will also be the default language for audio and subtitling.
- Press **select** again to confirm your language choice and to start searching for TV/radio channels.



Channel search in progress

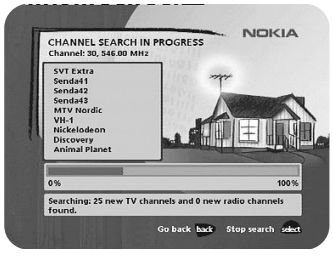
This menu will be shown while the Mediamaster is searching for TV and radio channels.

All channels found will be listed on the screen.

Please note that the search procedure may take a few minutes. You may cancel the search at any time by pressing **select**.

When Mediamaster is done searching, the number of TV and radio channels found will be displayed.

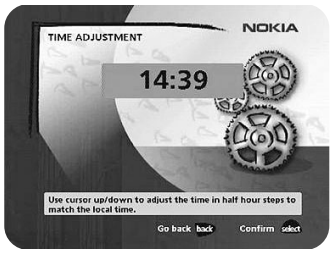
- Press **select** to continue.



Time adjustment

Select **cursor up/down** to adjust the time in half-hour increments. To adjust the minutes, select **cursor left/right** .

- Press **select** to finish the installation and to open the Navi Bars.


TIME ADJUSTMENT
NOKIA
14:39
Use cursor up/down to adjust the time in half hour steps to match the local time.
Go back back
Confirm select

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GENERAL INFORMATION ABOUT THE MEDIAMASTER

Throughout this manual, you will notice that the everyday operation of your Mediamaster is based on a series of user-friendly, on-screen displays and menus. These menus will help you make the most of your Mediamaster by guiding you through installation, channel selection, viewing and many other functions.

All functions can be performed by using the buttons on the remote control, and some of the functions can also be performed by using the buttons on the front panel.

Please be aware that new software may change the functionality of the Mediamaster.

Should you experience any difficulties with the operation of your Mediamaster, please consult the relevant section of this manual, including Problem Solving, or alternatively, call your dealer or a customer service adviser.

IMPORTANT! Read this before using Mediamaster!

- Allow 10 cm of space around the Mediamaster for sufficient ventilation.
- Do not cover the Mediamaster's ventilation openings with newspapers, tablecloths, curtains, etc.
- Do not place the Mediamaster on top of a unit that emits heat.
- Do not place naked flame sources, such as lit candles, on the Mediamaster.
- Use a soft cloth and a mild solution of washing-up liquid to clean the casing.
- Do not expose the Mediamaster to dripping or splashing liquids.
- Do not place any objects filled with liquids, such as vases, on the Mediamaster.
- To give your Mediamaster extra protection, e.g., during a thunderstorm, we recommend that you connect it via an external surge protection device.
- Do not connect or modify cables when the Mediamaster is plugged in.
- Do not remove the cover.
- Do not allow the unit to be exposed to hot, cold or humid conditions.
- Service should be carried out only at a Nokia Authorised Service Centre.
- Please note that the only way to isolate the Mediamaster completely from the mains supply is to unplug the mains cable!

REMOTE CONTROL

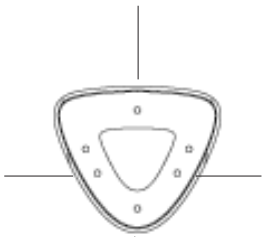
This section describes how to operate the Mediamaster using the buttons on the remote control. Some of the functions can also be performed by using the buttons on the front panel.

⏻	Press once to turn the sound off/on (mute). Press and hold for a few seconds to switch the Mediamaster in and out of standby mode.
0 - 9	Change channels and enter values in menus. Note: If 0 is entered as the first digit in viewing mode, the TV Release functionality is activated (see below).
0 □	TV Release. To switch between digital TV/Radio, analogue TV, satellite TV and VCR.
info	To display short and extended information (if transmitted) about current and next programmes. Brings up the viewing banner in viewing mode.
back	Go back one level at a time within menus without storing any settings. To toggle between the present and previous TV/Radio channels in viewing mode. Close the Navi Bars.
select	Confirm choices and selection of a highlighted item. Open the Navi Bars.
opt	Select service options in viewing mode.
txt	Press to enter teletext (if available).

The cursor button

Cursor up
Move up in the menus and change to the next channel in viewing mode.

Cursor left
Move left/change settings in menus.
Decrease the volume level in viewing mode.

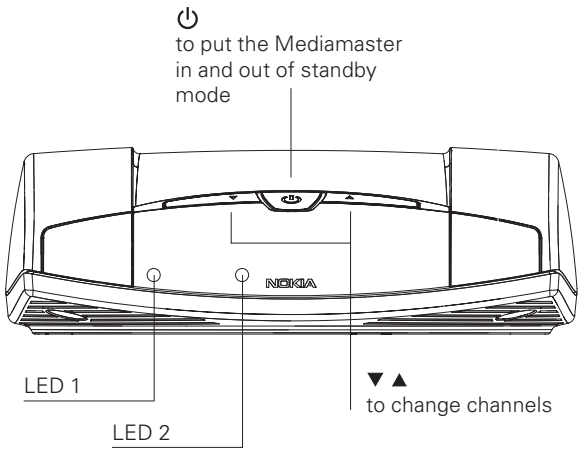


Cursor right
Move right/change settings in menus.
Increase the volume level in viewing mode.

Cursor down
Move down in the menus and change to the previous channel in viewing mode.

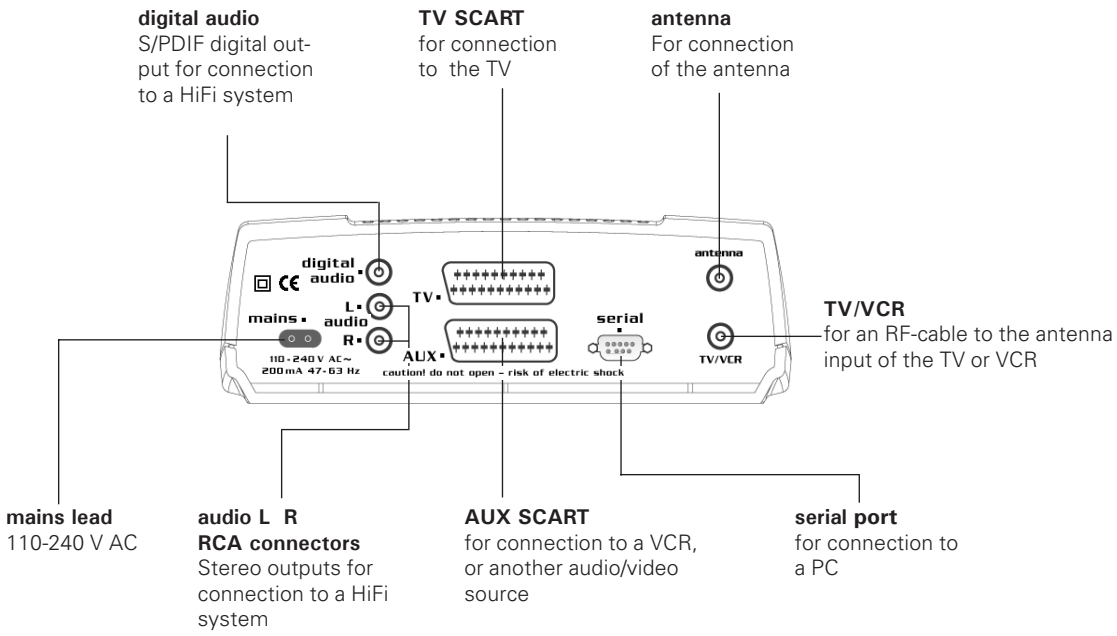
FRONT AND REAR PANEL

Front panel



Function	LED indicator 1	LED indicator 2
ON	Green	-
Standby	Red	-
Locked to channel	-	Green (locked) / Red (not locked)
Remote control feedback	-	Single flash
SW download	Continous green flashing	Continous green flashing
Error	Continous red flashing	Continous red flashing

Rear panel



CONNECTING THE MEDIAMASTER

The box for your Mediamaster should contain the following items:

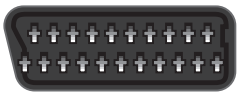
- the Mediamaster
- remote control with 2 AAA batteries
- SCART cable (fully connected; 1.0 metre)
- mains cable
- RF cable
- Owner's manual with software license agreement

SCART cable RF cable Mains cable

Remote control Owner's Manual

About the SCART sockets

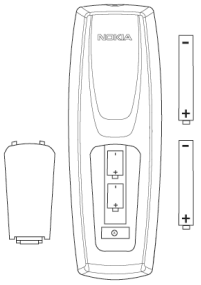
The rear panel of the Mediamaster is equipped with 2 **SCART** sockets (see diagram). Always **use fully connected** SCART cables, such as the one supplied, when connecting other devices to these sockets. There are SCART cables on the market that do not have all the pins connected. The picture quality could be reduced if you use them.



SCART socket

Preparing the remote control

- Remove the cover on the battery compartment at the bottom of the remote control.
- Insert the 2 AAA (1.5V) batteries, as shown in the diagram, taking care to observe the +and - markings indicated inside the remote control.
- Replace the cover.



About the digital transmission

Digital radio and TV signals can be blocked by buildings, mountains or other terrain. Depending on if the receiver is located in a depression in the ground, behind a mountain or in a concrete building, the quality of reception may vary considerably.

A digital signal can be "boosted" if reflections of it (e. g., from a building) are added to the original signal.

As with most other transmissions, bad weather affects the reception quality negatively.

Connecting to the TV aerial

You can connect the Mediamaster to the following type of aerials:

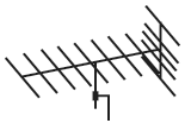
1. Standard outdoor aerial

Where possible, use an outdoor roof aerial intended for receiving UHF channels between 21 and 69.

CONNECTING THE MEDIAMASTER

Note the following:

- In some block of flats, the roof-mounted aerial system includes a filter and channel selector. If so, the aerial will probably not work with the Mediamaster, in which case you should contact your landlord.
- Many older roof-mounted aerials may only receive a limited number of channels. As a result, digital channels transmitted on higher frequencies are difficult or even impossible to receive. The problem can be solved by replacing the roof aerial.
- Some outdoor aerials are directed towards an analogue transmitter. The aerial must be directed towards a digital TV transmitter.
- It is not always advisable to position the aerial as high as possible. If problems arise, experiment with different aerial heights.



2. Indoor and window-mounted aerials

This type of aerial may be enough if the reception conditions are very good. If an indoor aerial is used, note the following:

- Use an aerial for UHF channels 21-69, e.g., a directional aerial.
- Place the aerial by the window and direct it towards the TV transmitter, if possible.
- An aerial that has an amplifier is recommended as it may provide a stronger signal.
- The strength of the TV signal varies according to reflections from buildings, etc. The signal penetrates thick stone or concrete walls poorly. However, a wooden building is not a big barrier for digital TV signals.

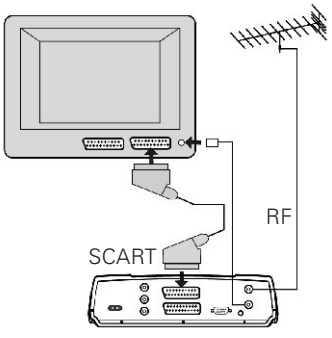
General

There are many different types of TVs, VCRs and other equipment that you can connect to the Mediamaster.
In this manual, you will see some of the most common ways to connect your equipment to it.

If you have problems with connecting your equipment and require assistance, contact **your dealer** .

Connecting the Mediamaster to the TV

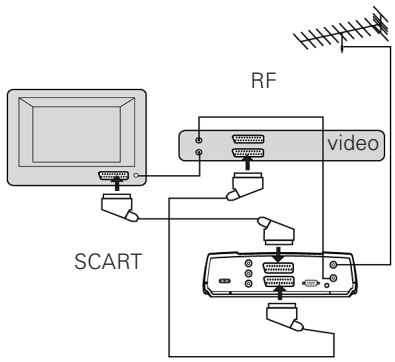
- Connect a SCART cable from the main SCART socket on the TV to the TV SCART socket on the Mediamaster.
- Connect an RF cable from the TV/VCR output on the Mediamaster to the RF input socket on the TV.
- Connect the TV aerial to the TV AERIAL input socket on the Mediamaster.



CONNECTING THE MEDIAMASTER

Connection of a video recorder

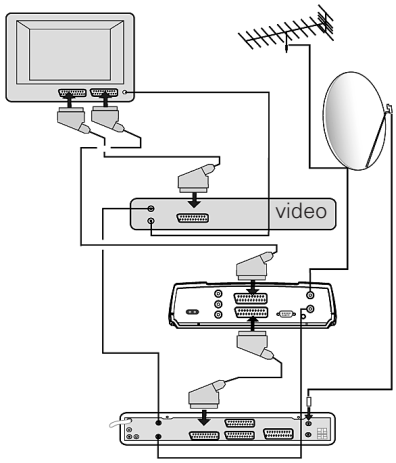
- Connect a SCART cable from the main SCART socket on the TV to the TV SCART socket on the Mediamaster.
- Connect an RF cable from the TV/VCR output on the Mediamaster to the RF input socket on the video.
- Connect the TV aerial to the TV AERIAL input socket on the Mediamaster.
- Connect an RF cable from the TV/VCR output on the video to the RF input socket on the TV.
- Connect a SCART cable from the TV SCART socket on the video to the AUX SCART socket on the Mediamaster



Connecting a satellite receiver and a video

- Connect a SCART cable from the main SCART socket on the TV to the TV SCART socket on the Mediamaster.
- Connect a SCART cable from the TV SCART socket on the satellite receiver to the AUX SCART socket on the Mediamaster.
- Connect a SCART cable from the video to the second SCART socket on the TV (if available).
- Connect an RF cable from the RF output on the video to the TV aerial input on the TV.
- Connect an RF cable from the RF output on the satellite receiver to the RF input socket on the video.
- Connect an RF cable from the TV/VCR output on the mediamaster to the RF input socket on the satellite receiver.
- Connect the TV aerial to the TV AERIAL input socket on the Mediamaster.
- Connect the coaxial cable from the LNB to the LNB socket **on the satellite receiver**.

  Both the video and the satellite receiver must be tuned to different UHF channels than the Mediamaster is when using RF connectors.

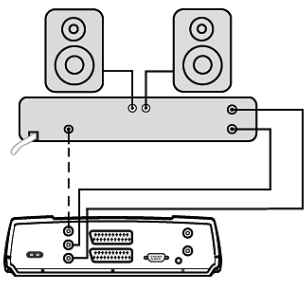


Satellite receiver

Connecting a HiFi system

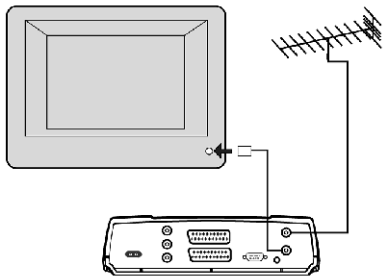
- Connect an RCA/Cinch stereo cable from the AUDIO L R sockets on the Mediamaster to the LINE, AUX, SPARE or EXTRA input sockets on your HiFi system.
- If available, you can connect an RCA/Cinch single cable from the DIGITAL AUDIO socket on the Mediamaster to a HiFi system equipped with digital audio input. This output is also used to connect to an external Dolby™ digital decoder.

  NOTE: To avoid interference, you must use **screened** audio cables. Never connect digital output to analog input.



CONNECTING THE MEDIAMASTER

Procedure when RF connections are used



This procedure is only necessary when your Mediamaster is connected to the TV with an RF lead and no SCART leads have been used.

To tune your TV to the RF signal, it is possible that you will need both this manual and the manual for your TV. The steps below explain what to do if you have been unable to use SCART leads in your connection.

- Plug in your Mediamaster to the mains.

Tuning your TV to the Mediamaster

- Select a programme number on the TV that is not currently used for other TV channels.
- Follow the instructions in your TV manual to tune the TV channel selector to UHF channel 43 (this is the Mediamaster's factory preset UHF channel).
- Follow the instructions in your TV manual to store this UHF channel as the channel used by your Mediamaster. You will have to select it when you want to watch digital terrestrial TV channels.
- When the First time installation menu is visible, press **Select** on the Mediamaster remote control to start the installation procedure.

If picture quality is bad, you can change the predefined UHF channel 43 to any other number between 21 and 69 later on. You will also have to tune your TV to the new channel number. For more information, see **RF modulator output channel** on page 24.

When a VCR is connected, it must be tuned to a different UHF channel (between 21 to 69) than the Mediamaster.

FIRST TIME INSTALLATION

General information

Once your Mediamaster has been correctly connected, a "First time installation" must be performed.
During this procedure, helpful information is displayed at the bottom of the menus.

NOTE: The **select** button always **confirms** a selection in these menus; therefore, pressing it will take you to the next step in the installation process. However, more than one value often has to be entered in a menu.To do this, complete all the necessary settings on their individual lines, then confirm them simultaneously by pressing **select**.

You can always return to the previous menu by pressing **back**.

Use **cursor up/down** to move upwards and downwards, from one line to another.

Use **cursor left/right** to change settings.

You can also use the number buttons on the remote control to enter numeric values.

Switching on for the first time and starting the "First time installation"

- Plug in your Mediamaster
- The "First time installation" menu is shown.
- Press **select** to continue.

Language

- Select the desired menu language with **cursor up/down**.
  This will also be the default language for audio and subtitling.
- Press **select** again to confirm your language choice and to start searching for TV/radio channels.

FIRST TIME INSTALLATION

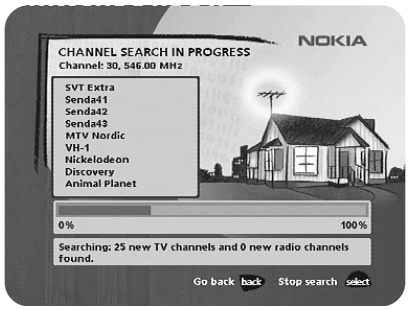
Channel search in progress

This menu will be shown while the Mediamaster is searching for TV and radio channels.

All channels found will be listed on the screen.
Note that the search procedure may take a few minutes. You may cancel the search at any time by pressing **select**.

When Mediamaster is done searching, the number of TV and radio channels found will be displayed.

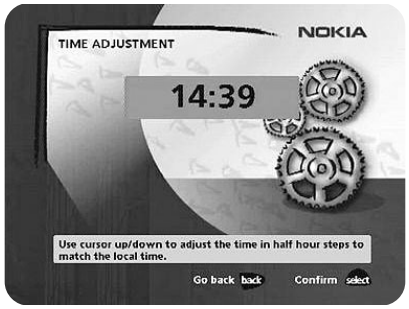
- Press **select** to continue.



Time adjustment

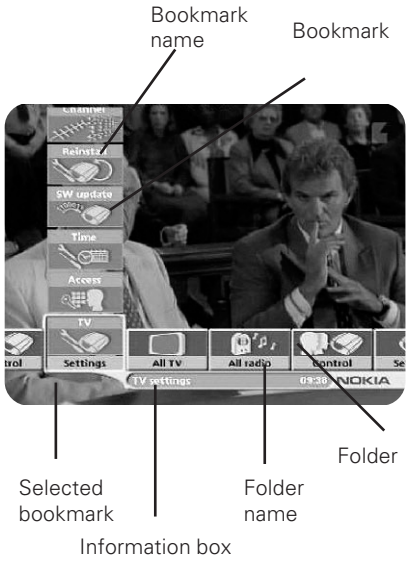
Select **cursor up/down** to adjust the time in half-hour increments; to adjust the minutes, select **cursor left/right** .

- Press **select** to finish the installation and to open the Navi Bars.


NOKIA
TIME ADJUSTMENT
14:39
Use cursor up/down to adjust the time in half hour steps to match the local time.
Go back back
Confirm select

NAVI BARS

General information



- Press **select** to open the **Navi Bars** .

Use the **Navi Bars** , which consist of a horizontal bar and a vertical bar, to select TV or radio channels and/or change system settings.

The horizontal row contains **folders** named **TV**, **Settings** , etc. Their names are shown in black at the bottom of each folder.

Each folder contains **bookmarks** . The **TV** folder contains bookmarks for different TV channels; the **Control** folder contains bookmarks for system settings, etc.

Press **cursor left/right** to move a folder horizontally so it is selected.

When a folder is selected, its bookmarks will be shown in a vertical row. The name of the different bookmarks are shown in white at the top of each bookmark.

Press **cursor up/down** to select a bookmark. To confirm the selection, press **select**.

Below the folder bar, some information about the selected bookmark is shown. When a bookmark for a TV or radio channel has been selected, the bookmark box can contain three different symbols after the channel name:

"★" = a new channel you have not previously visited.

"" = a channel that is scrambled according to the service information.

"" = a channel that is locked by the user.

When a bookmark for a TV or radio programme has been selected, press **info** to get programme information.
To get more detailed information on what you can do in a specific menu, press **info** when the bookmark for the **Control** or **Settings** folder has been selected.

To get detailed channel information on the TV or radio programme bookmark that has been selected, press **opt**.

Press **back** to leave **Navi Bars** at any time.

If you open **Navi Bars** and do not press any buttons on the remote control, the **Navi Bars** will automatically close after 2 minutes.

NAVI BARS

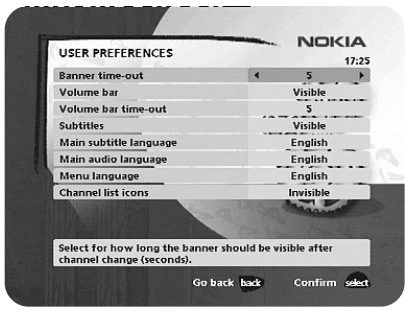
The “Control” and “Settings” folders

Both of these **system folders** contains a few bookmarks. Each of these bookmarks contains **menus** from which you can choose different settings.

The system folders cannot be deleted.

The manual will now explain the different settings you can make from the **Control** and **Settings** folders, starting with the bookmarks from the **Control** folder.

Control folder ☛ User preferences



Banner Time-out

When you switch channels, an information banner will be shown for a few seconds. You can select how long the banner will be shown.

Volume bar

Select whether or not you want the volume bar to appear on the screen when you change the volume.

Volume bar time-out

Select how long the volume bar will be visible on the screen.

Subtitles

Select whether or not subtitles will be visible on the screen.

Main Subtitle Language

If you select the “Visible” alternative for subtitling and more than one language is available, you may select a default language.

Main Audio Language

If more than one audio language is transmitted, you may select the main language.

Menu Language

Here you may select in what language will be used to show the menus.

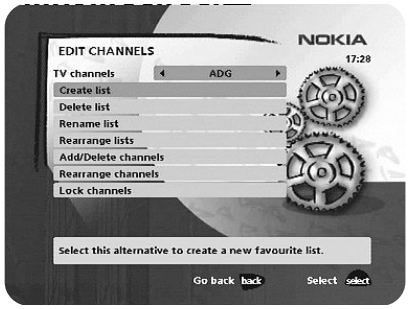
Channel list icons

In order to make the bookmark lists for TV and radio channels shorter, you can select to hide the icons and only show the channel names.

NAVI BARS

Control folder ☛ Edit channels

From these menus, you can create and edit favourite channel lists. You can add, delete, rename and arrange the order of the channels within the favourite lists. The "TV" list might contain a lot of channels. By creating your own favourite lists, you can make it more convenient to manage channels.



Impor tant about editing channels

Before you start, you must select which list, TV or radio, you want to edit. When you are watching TV and press **select** and then choose Edit channels, you can only edit TV channels. When you are listening to radio channels, you can edit radio channels.

After the selection of radio or TV, use **cursor left/right** to select the name of the list to edit.

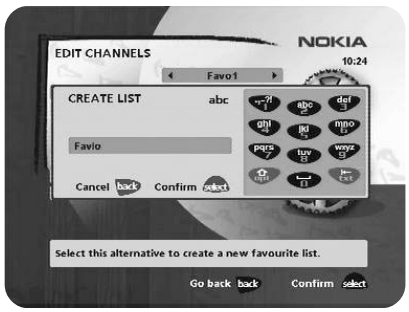
Create list

This is where you create your own favourite lists, containing the channels you watch most frequently. You must give each list a specific name, e.g. "Sport" or "Films". The new lists you create will appear as a new **folder** in the horizontal part of the Navi Bars.

When a favourite list is selected, you see only those channels defined in the list.

When you have given the list a name, press **select** and choose "Add/Delete Channels" from the menu.

You can create separate lists for TV and radio channels.



How to give a specific name

This procedure is the same whether you are entering a name for the first time or are changing an existing name.

- Move to a new character position by using **cursor left** or **cursor right** .
- If you make a mistake, you can remove characters by pressing **txt** as many times as necessary.

- **Enter the name as follows** :

  Press the number corresponding to the character you want: once for the first character, twice for the second, etc.

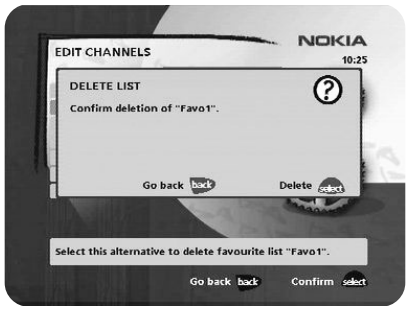
  The available characters are listed below:

1	* # & % $, ! ; - +) / \ @ ^ 1	6	m n o 6 Ö Ô Ñ Ó Ò
2	a b c 2 Å Ä Á Á Â C Ã	7	p q r s 7 $
3	d e f 3 É É Ë Ê	8	t u v 8 Ü Ù Ú
4	g h i 4 Î Ï Í Ì	9	w x y z 9
5	j k l 5	0	space 0

- If the next letter is located on the same key as the present one, wait for the letter to time out or press **cursor right** to move one position and then select the letter.
- Toggle between capital and lowercase letters with **opt**.
- To insert a space, press button number **0**.

Delete list

If you want to completely delete a favourite list, select the list with **cursor left/right** and press **select**.



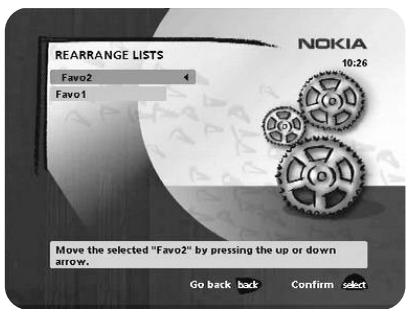
Rename list

You can give an existing list a new name by following the instructions under the headline **How to give a specific name** , page 19.

Rearrange lists

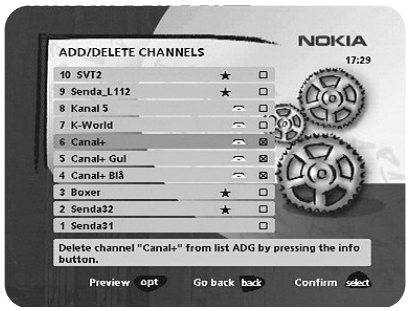
If you have created several favourite lists, you can determine the sequence in which the lists will appear.

- With **cursor right** , mark the list you want to move to a new position.
- Move the list to the desired position with **cursor up/down** and press **cursor left**.
- Press **select** to confirm the new position.



NAVI BARS

Add/Delete channels

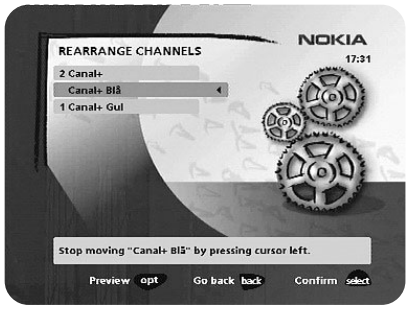


From this menu, you can add and remove the channels in your favourite lists. The "TV" or "Radio" lists are used as a basis for where the channels are selected from.

A channel is added or removed from the list by pressing **info**. The square on the righthand side of the line will be empty for removed channels, and will contain an "**x**" for added channels. In addition to the channel name, three different symbols can be shown. ("★" = a new channel you have not previously visited. "☎" = the channel is scrambled according to the service information. "🔒" = the channel is locked by the user.)

- Move to the desired channel(s) with **cursor up/down** .
- Press **opt** if you want to preview the channel.
- Add/remove by pressing **info**.
- When you are ready, confirm the selections and leave the menu by pressing **select**.

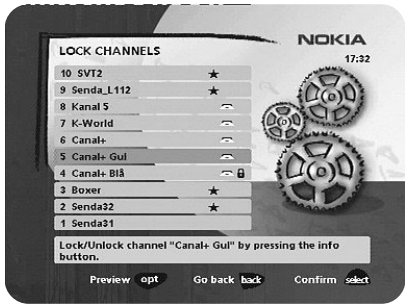
Rearrange channels



From this menu, you can arrange the sequence that your channels are in in your favourite lists.

- Move to the desired channel(s) with **cursor up/down** .
- Press **opt** if you want to preview the channel.
- With **cursor right** , mark the channel you want to move to a new position within the list.
- Move the channel to the desired position with **cursor up/down** and press **cursor left**.
- Press **select** to confirm the new position.

Lock channels



To get to this menu, you must enter your access code first.

From this menu, you can lock (and later unlock) channels in order to prevent your children from watching certain channels, etc.

- Select the channel you want to lock and press **info**. Repeat the procedure for each channel you want to lock.
- Press **opt** if you want to preview the channel.
- Press **select** to confirm.

A locked channel will be marked with a "🔒" (padlock) symbol.
You must enter your access code before you can watch a locked channel.

NAVI BARS

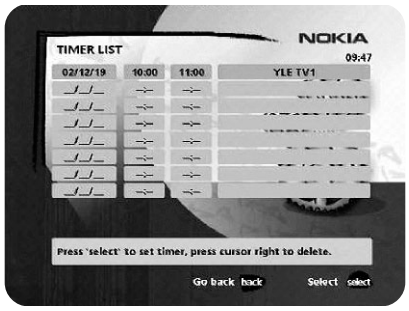
Control folder ☛ Timer

General

You can make the Mediamaster start and stop at a predefined time.

The timer function is very useful when you want to record a programme and you cannot start/stop the recording event yourself, or when you just want to be reminded of the start of a programme you do not want to miss.

Note: The timer function only works when the receiver is in standby .



Timer setup

- Select Channel List with **cursor left/right** .
- Go to Channel to select the desired TV/Radio channel.
- Set the date using the numberl buttons on your remote control (yy/mm/dd).
- If you enter a wrong digit, you can delete it with **cursor left** .
- Set the start and stop time using the number buttons on your remote control.

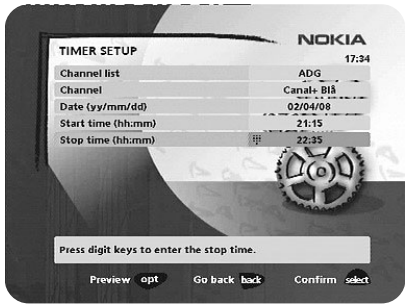
Start times may never overlap each other. If you try to enter a start or stop time that already has been selected for some other period of time, you receive a warning message.

- Press **select** to save or **back** to cancel.
- Press **back** twice to leave the Navi Bars and return to viewing mode.
- Press ⏻ to put the Mediamaster in standby.

Up to 8 different events can be predefined. The events will be sorted in start time order.
At each stop time, the box will return to standby.

You can erase a predefined event by pressing **cursor right** .

- Press **back** to cancel the deletion and **select** to delete the event.



Control folder ☛ System info

If you have to contact your service provider or a service centre, they might ask for information available from this menu.

In this menu, you will find general information about which hardware and software version your Mediamaster is running on.

NAVI BARS

Settings folder ☛ Channel

This menu is used when you want to search for channels at a later time. To open it, you will be asked to enter your access code.

The access code is set to 1234 at the factory.

A channel search procedure can be performed in three different ways: Automatic, Manual or Advanced manual search.

Automatic search

- Highlight the line and press **select** to start searching for channels.

Manual search

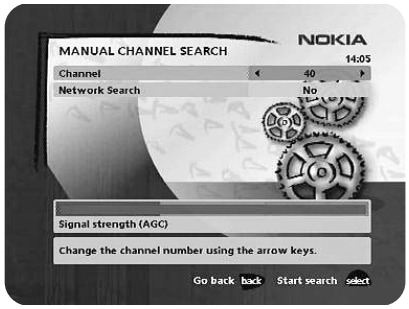
When you perform a manual search, you must enter some parameters for the channel search to work.

The information you need to enter in this menu should be supplied by your Service provider.

Channel : Select the channel you want to search for.

Network search: Select "Yes" if you want to search on all the transmitters connected to a specific network.

- Press **select** to start searching for channels.



Advanced manual search

The information you need to enter in this menu should be supplied by your Service provider.

You can use this menu if you are looking for a "specific" channel, i.e., non-DVB standard channels, which can be easier to find when you have entered the necessary PID settings here.

Channel: Select the channel you want to search for.

PID Video : Enter the PID (Packet Identifier) for the video signal.

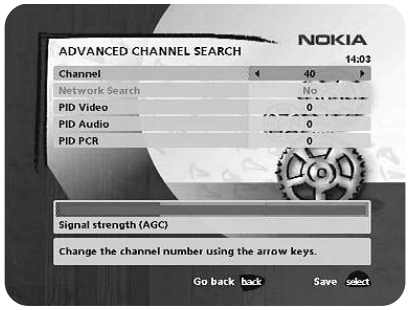
PID Audio : Enter the PID for the audio signal.

PID PCR: Enter the PID for the PCR (Programme Clock Reference).

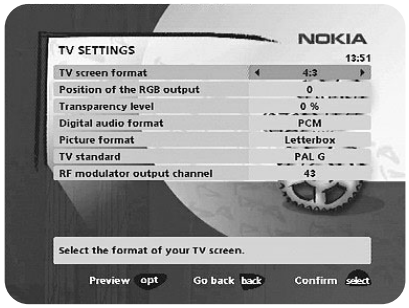
- Press **select** to search with the specified values.

All channels created with the advanced manual search will get an automatically generated name, e.g., P0001 for the first channel, P0002 for the second, etc.

- Press **select** to save the new channel or **back** to cancel.



Settings folder ☛ TV



To open this menu, you will be asked to enter your access code.
The access code is set to 1234 at the factory.

From this menu, you can adjust the audio/video settings for your Mediamaster.

TV screen format

Select your TV screen format.

The 4:3 format is the standard format for most TV screens.
Select 16:9 for a widescreen TV.

Position of the RGB output

Adjust the horizontal position of the TV picture with **cursor left/right** .

Set transparency level

Adjust the transparency level of the graphics in the menus by using **cursor left/right** .

Select digital audio format

Select audio format for **the digital output** . (The upper audio output on the rear of the Mediamaster). AC-3 when the sound is transmitted in Dolby™ Digital format; PCM for ordinary digital sound. NOTE: When you select AC-3, there will be no sound output from the analogue audio connections.

Picture format

If you have a TV set with a 4:3 picture format and the transmission is in 16:9, you can select "Fullscreen" or "Letterbox".

Fullscreen will fill up the screen but cut off some information on the lefthand and righthand sides.

Letterbox will give a complete picture, but leave black areas at the top and bottom.

TV standard

When the Mediamaster is connected to the TV by an RF cable, you may need to select the correct TV standard system.

Select **PAL G** when the box is used outside the UK and France.

Select **PAL I** when the box is used in the UK.

Select **SECAM** when the box is used in France.

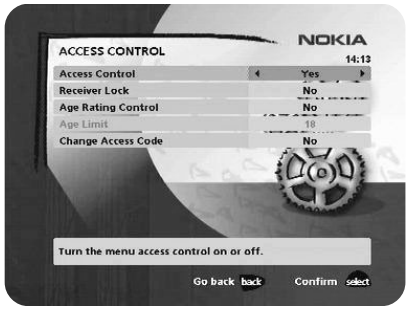
fullscreen letterbox

RF modulator output channel

Select this alternative if you have to change the RF channel. (Channel 43 is preset in the factory.)
Select a new RF output channel number. Channels found during the first time installation will not be selectable.

When you change the RF channel number, you must also change the TV to the same value. If you do not, there will be no picture and sound.

Settings folder ☛ Access



To open this menu, you will be asked to enter your access code.
The access code is set to 1234 at the factory.

The following settings can be altered from this menu.

Access Control

Select "Yes" or "No" to turn the access control in all menus on or off. NOTE: Even when "No" is selected, the access code still has to be entered before you can watch locked channels.

Receiver lock

If you select "Yes", you will have to enter the access code every time you start the Mediamaster from standby.

Age rating control

If you want everybody to have access to all available types of programmes, select "No".

If you select "Yes", you may block programmes unsuitable for children.

Age Limit

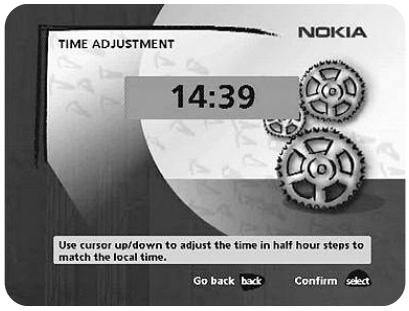
Select an age limit between 3 and 18 on the line that appears.

However, you should be aware that not all Service Providers have the necessary codes for these functions implemented in their transmissions.

Change access code

This is used to change the access code from the default, factory-set 1234. This code is used to access any Mediamaster function that requires it, e.g. access code. If you forget the access code that you have set, contact and Nokia Authorised Service Centre for assistance.

Settings folder ☛ Time


NOKIA
TIME ADJUSTMENT
14:39
Use cursor up/down to adjust the time in half hour steps to match the local time.
Go back back
Confirm select

To open this menu, you will be asked to enter your access code.
The access code is set to 1234 at the factory.

Select **cursor up/down** to adjust the time in half-hour increments; to adjust the minutes, select **cursor left/right** .

NAVI BARS

Settings folder ☛ SW update

To open this menu, you must enter the access code.

The access code has been set to 1234 at the factory.

In order to keep the Mediamaster up-to-date, it will be possible to download new versions of the system software (SW). New software may include new and improved features for existing menus.

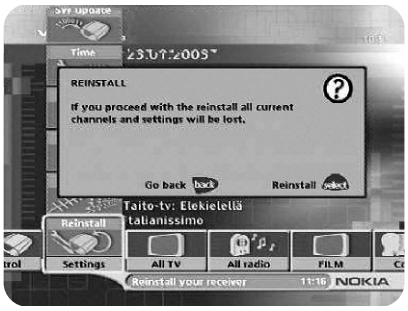
Enter this menu to check for new software. If new software is available, information will be shown in the menu on how to proceed.

You may have to select a specific channel in order to download new software, which your service provider will give you.

NOTE: If you select a new software version to download, **all** of your previous settings, your access code, your favourite channels, etc. will be erased. Updating may take a while.

NOTE: Do not turn off the Mediamaster, use the remote control or disconnect the antenna cable while downloading as this will damage the software and the receiver will need to be sent to a Nokia Authorised Service Centre.

Settings folder ☛ Reinstall



To open this menu, you must enter the access code.

The access code has been set to 1234 at the factory.

NOTE: Use this option only if you must restart the installation procedure from the beginning as **all** of your previous settings, your access code, your favourite channels, etc. will be erased.

Press "Go back" to leave this menu when the warning is displayed, if you do not want to reinstall anything.

VIEWING MODE

General Information

The following describes the basic functions of your Mediamaster while watching digital terrestrial TV .

In addition to the normal functions like switching the Mediamaster in/out of standby, changing the volume, etc., there are some other useful functions that will be explained in this part of the manual.

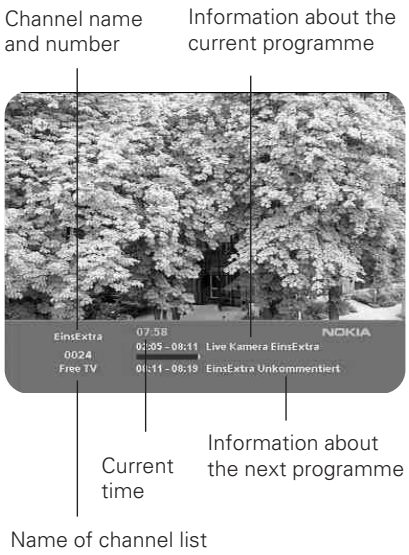
Press **Back** to leave a menu at any time, without affecting any settings.

Programme information

Every time you change channels, you will receive programme information for a few seconds. (In the Control folder/User preferences' menu, you can select how long this information will be shown.)

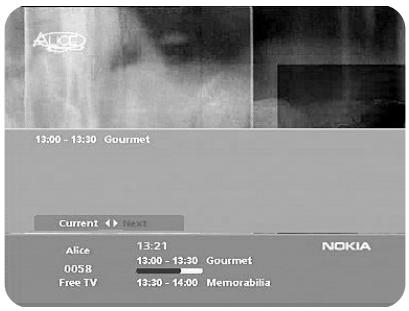
The information may include:
Current time
Channel list
Channel number and name
Name of the current and next programme
The start and stop time of the current programme
A bar, indicating the elapsed time of the current programme
The start and stop time of the next programme

Programme information will only be available if it is included in the transmission. Otherwise a "No information available" message will be shown.



VIEWING MODE

Extended programme information



The Mediamaster can display information about programmes currently being broadcasted as well as those that will be broadcasted next.

This procedure is the same for both TV and radio mode.

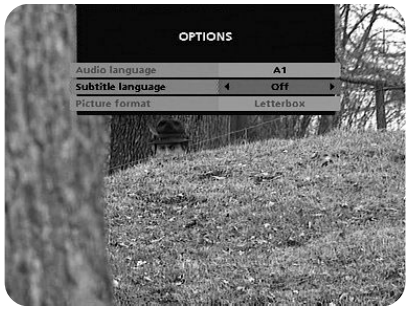
By pressing **info** while watching TV, you will get the "Programme information" banner. Press **info** again to display extended information about the current and the next programme. Use **cursor left /right** to switch between the current and the next programme information.

When there is a lot of information text, use **cursor up/down** to continue reading on the next info page.

You cannot switch to another channel while the banner is visible.

- Press **info** or **back** to return to TV/radio mode.

Temporar y settings



By pressing **opt**, you open a menu in which it is possible to enter **temporary** settings. Settings made in this "options menu" are only valid for the programme you are currently watching. If you leave the programme and return to it again, the temporary settings will be gone.

Audio language

When available, you can select from the different languages being broadcast.

NOTE: when you select AC-3, there will be no sound output from the analogue audio connections.

Subtitle language

When available, you can select from the different languages available for subtitles.

TV screen format

If you have a TV set with a 4:3 picture format, and the transmission is in 16:9, you can select Fullscreen or Letterbox to change display format. Fullscreen will fill up the screen vertically, but cut some information from the left and right sides of the picture.

Letterbox will give a complete picture, but leave black areas at the top and bottom.

- Press **opt** or **back** to return to TV/radio mode.

VIEWING MODE

TV Release (0)

With the **0** button, you can toggle between externally connected equipment, such as a digital terrestrial TV or a video recorder, which must be switched on.)

(This is only valid when the units are connected via SCART cables, and not by RF connection.)

Teletext

Pressing **txt** will open a teletext page, if teletext is transmitted. Select teletext pages with the numeric buttons on the remote control (Fig. 1).

You can also quickly go to the different page alternatives shown in any page by pressing **cursor left/right** .

- Press **select** on a highlighted page number to go to that page.
- By pressing "**0**" you can alter between the last two pages you just have watched.
- Press **info** to hide everything else on a teletext page besides its headline (Fig. 2).
- Sometimes a teletext page may contain subpages. When subpages are available, they are numbered in the lower part of the screen (Fig. 3). To view a subpage, press **select** when no page number is highlighted. Go to the different subpages using **cursor left/right** . Note: it might take some time before all subpages ara available for selection.
- Press **txt/back** to return to TV/radio mode.

Cursor up/down will show the next or previous teletext page.

On most new TV sets, you can use the TV's remote control to open and control the teletext functions while watching digital TV channels. This function is called VBI insertion.

101 TV4 TEXT Fre 11 Jan 14:10:01
NYHETERNA
Väder s.401
Ekonomi 104 Sporten 105 Nöje 106
Sverige
TV4-gallup: Sahlin bör avgå..... 110
Försvunnen 59-åring hittad död..... 119
Besöksförbud ska skärpas..... 115
BSE-prov var negativt..... 117
Ingen kravlista från v-kongress.... 111
Tågförseningar efter dödsolycka.... 114
Kritik mot fler permissioner..... 113
Turistbuss välte - en skadad..... 118
REKLAM
ACC Bank Privatlån
LÅN UPP TILL 200.000:- UTAN SÄKERHET
Läs mer på sidan 766.

Figure 1

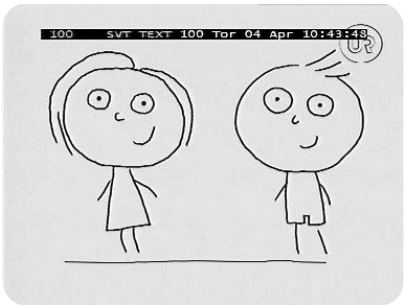


Figure 2

Figure 3. Subpage numbers

GLOSSARY OF TERMS

AC-3
Multichannel digital audio encoding system.

Access
Authorisation to use the coding system to purchase / order TV programmes.

Access code
A four-digit code stored in the Mediamaster. Used to lock/unlock the Mediamaster.

Access control
A feature that allows parents to "lock" programmes that they consider unsuitable for children. A "locked" channel or programme can only be "unlocked" with the special access code.

AGC
Automatic Gain Control.

BER
Bit Error Rate. Signal quality measure.

C/N
Carrier to Noise. Signal quality measure

DVB
The Digital Video Broadcast group was created to establish a technical framework for the introduction of digital video broadcasting systems.

GHz
The prefix giga means milliard, and Hertz means cycles per second. Signals in the GHz range are often called microwaves.

MHz
The prefix mega means million, and Hertz means cycles per second.

MPEG
Moving Picture Experts Group. Established by the International Standards Organisation to provide the basis for a picture coding and compression system.

Network
A number of digital channels transmitted from one source.

PCM
Pulse Code Modulation. Non-compressed digital audio format.

PCR
Program Clock Reference.

PID
Packet Identifier.

PIN code
Personal Identification Number. A four-digit code stored in the smart card. For PPV (Pay Per View) or other services together with the subscription.

RCA
Coaxial connector used to connect the Mediamaster to an external amplifier.

RF
Radio frequency (known as HF in some countries).

RGB
Red, Green, Blue. Colour signals are routed in separate cables in order to provide a high quality TV picture.

SERIAL RS 232
A serial communication standard data port.

SCART
A 21-pin connector used for connecting the Mediamaster,VCR and TV. Also named Euroconnector or Peritel connector.

Scrambled TV programme
Some TV programmes are transmitted in scrambled form.

Service provider
A company that collects a number of programmes/services and distributes them to customers.

S/PDIF
Sony/Philips digital interface format. Digital audio output.

Symbol rate
Speed of the digital transmission

SW
Software. Programme code.

TS
Transport stream.

VCR
Video Cassette Recorder.

TROUBLESHOOTING

Problem	Possible causes	What to do
The LED on the front panel does not light up/is not lit.	The mains cable is not connected.	Check that the mains cable is plugged into the power socket.
The left LED is red.	The Mediamaster is in standby mode.	Press the standby button to bring the Mediamaster out of standby mode.
The remote control is not working.	The battery is dead. The remote control is being pointed properly.	Change both batteries. Aim the remote control at the box. Remove anything that might be blocking the front panel.
You have forgotten your PIN code.		Contact your Service Provider. They will help you set it up again.
During the first time installation when the Mediamaster tries to find and store channels you get the message "No channels found". When only a few of the expected number of channels are found.	The aerial is not propperly connected to the Mediamaster. The aerial is not correctly directed towards the transmitter. The aerial is not suitable for digital channels. The signal is too weak for the connected aerial. There are no digital terrestrial transmissions in the area.	Check the aerial installation, including its connections. Check if you can receive and watch analogue channels from the transmitter. Check that the aerial is directed towards the transmitter. Check that digital transmissions are available in the area. If no channels are found after trying the other steps, let the local TV dealer check whether the aerial is intended for receiving digital transmissions or not. If not, you must exchange the aerial.
There is no **First time installation** menu on the screen when you switch on the Mediamaster for the first time.	The system is connected by SCART cables and the TV is not in AV/EXT mode. The system is connected by RF cables and the TV is not set to the channel tuned for digital terrestrial TV.	When the system is connected by SCART cables, the TV must be set in AV/EXT mode. When the system is connected by RF cables, select the appropriate TV channel on the TV. If you have not yet tuned the TV to the same output channel as the Mediamaster, you must do this before you can get picture and sound from it.

What to do if the problem cannot be solved?

If you have tried everything suggested above and the problem is still unsolved, please contact your dealer or Service Provider for assistance.

TECHNICAL SPECIFICATIONS

Transmission Standar ds DVB, MPEG 2, OFDM

RF input Modulator output

In-/output connector	IEC female / IEC male
RF input frequency	174-300; 474-862 MHz
RF input power level	-78 to -30 dBm
RF impedance	75 Ω
Frequency range	Loop through 47-862MHz
Frequency range	RF modulator 470-862 MHz
Output channel	CH 21-69
Preset channel	43
Output signal	PAL G, I, SECAM
Demodulation	Supports 2k and 8k

TV SCART

Video output	1 V_{pp} (±1 dB) / 75 Ω
Audio output	0.5 V_{rms} / R_L >10 kΩ
RGB output	Internal RGB
RGB bandwidth	5.8 MHz ±3 dB
Fast blanking output	Internal
Status output	0/6/12 V / R_L 10 kΩ

AUX SCART

Video output	1 V_{pp} (±1 dB) / 75 Ω
Video input	1 V_{pp} / 75 Ω
Audio output	0.5 V_{rms} / R_L >10 kΩ
Audio input	0.5 Vr_{ms} / R_L >10 kΩ
Status input	0/6/12 V / R_L >10 kΩ

DIGITAL AUDIO (S/PDIF)

Connector	1 x RCA

AUDIO R L

Connector	2 x RCA (R+L)
Output	0.5 V_{rms} ± 0.5 dB/ R_L 10 kΩ

SERIAL (RS 232) Serial data

Connector	9-pin D-sub male
Signals	RS232, max. 115,2 kbit/s
Pin 1 DCD	(Data carrier detect) not connected
2 RXD	(Receive data)
3 TXD	(Transmit data)
4 DTR	(Data terminal ready) Set to high
5 GND	(Signal ground)
6 DSR	(Data set ready) not connected
7 RTS	(Ready to send)
8 CTS	(Clear to send)
9 RI	(Ring indicator) not connected

Front panel
Two LED; Buttons: ⏻ ,▼▲

General data
The model code, variant and serial number, are located on a label on the underside of the housing.

Supply voltage	110-240 V AC, 50-60 Hz
Power consumption max	10 W
Power consumption in standby	5 W
Operating temperature	+5° C to +45° C
Storage temperature	- 40° C to +65° C
Humidity	25 to 75 % rel humidity
Operating distance for remote control	About 10 meters
Dimensions (w x d x h)	216 x 245 x 70 mm
Weight	750 g. approx.

SCART sockets

	TV	AUX
1	Audio out right ch.	Audio out right ch.
2	-	Audio in right ch.
3	Audio out left ch.	Audio out left ch.
4	Audio ground	Audio ground
5	RGB blue ground	-
6	-	Audio in left ch.
7	RGB blue signal out	-
8	Switch voltage out	Switch voltage in
9	RGB green ground	-
10	Connect to pin 10 in AUX scart	
11	RGB green signal out	-
12	-	-
13	RGB red ground	-
14	Fast blank. ground	Fast blank. ground
15	RGB red signal out	-
16	Fast blanking out	-
17	Video out ground	Video out ground
18	-	Video in ground
19	Video out	Video out
20	-	Video in
21	Ground (casing)	Ground (casing)

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